

## Kingsignal SMT680-034 0.034" Semi-Rigid Coaxial Cable

### Product Code

SMT680-034

### Cable Type

0.034 Semi-Rigid

### Attenuation @ 1 GHz

1.5900 dB/m

### Construction

Semi-Rigid

### Key Features

- Solid conductor surfaces and exacting tolerances minimise attenuation and VSWR
- Solid outer conductor virtually eliminates signal leakage
- Cable assembly mechanical tolerances to less than  $\pm 0.1$  mm
- Electrical tolerances to less than  $\pm 0.25\%$ /GHz



### ▼ RF Cable Technical Data

#### ▼ RF Performance

Operating Freq. Range	0.00 to 155.00 GHz	Input Impedance	50 $\Omega$
Velocity of Propagation	No Data	Capacitance	95.10 pF/m
Shielding Effectiveness	No Data	Max. Operating Voltage	1000 V
Power Handling @ 1 GHz	25.20 W		

#### ▼ Physical Characteristics

Min. Bend Radius (Static)	3.00 mm	Weight	No Data
Min. Bend Radius (Dynamic)	No Data	Operating Temperature	-55 to 125 $^{\circ}\text{C}$

#### ▼ Inner Conductor

Material	Silver Plated Copper Clad Steel (SCCS)	Diameter	1 x 0.20 mm
----------	--	----------	-------------

▼ Dielectric

Material	PTFE (Polytetrafluoroethylene)	Diameter	0.66 mm
----------	-----------------------------------	----------	---------

▼ Outer Conductor

Material	Copper Tube	Diameter	0.86 mm
----------	-------------	----------	---------

**Kingsignal**

Founded in April 2002, Kingsignal Technology Co., Ltd. is a private hi-tech enterprise engaged in R&D, production and marketing of signal interconnection products such as mid-range and high-end RF coaxial cables, connectors and accessories, optical fiber, PCB, LAN cable, large logarithmic power cord and data video components.



Document Generated on August 8, 2022 21:06

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Halberd Bastion assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Halberd Bastion assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL HALBERD BASTION BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.